

ABSTRACT OF THE DISCLOSURE

A fuel conditioning device designed for interposition between an engine's fuel supply line and the engine's fuel combustion zone, which device has a cylindrical body portion, with an input end and an output end, and a flow through passageway in the body portion. The input end is in fluid communication with the fuel supply line, and the output end is in fluid communication with the fuel combustion portion of the engine. Disposed within the body portion is a series of only plastic disks at each end that move the incoming and outgoing fuel in a quasi-sinusoidal pattern, and such movement of fuel is also carried out through a series of cells formed of a pair of plastic spaced and opposed disks with a copper-based disk in intimate contact with a zinc-based disk between each such pair of opposed spaced disks, between the series of only plastic disks.